

## TWO-COLOR IMAGE FORMING METHOD

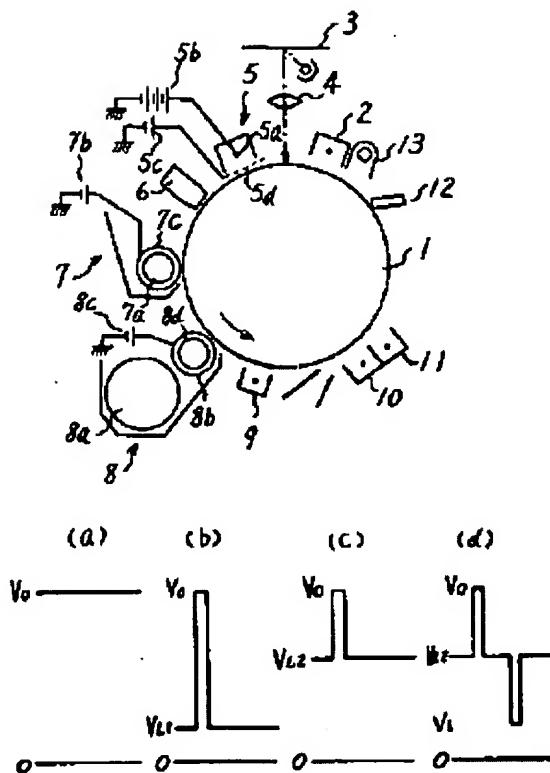
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### Abstract of JP59101657

**PURPOSE:** To obtain an image free from fog by developing the first color image part with a magnetic toner triboelectrifiable to a fixed polarity and the second color image part with a magnetic carrier not triboelectrifiable with a magnetic toner and the toner triboelectrifiable with the magnetic carrier to a reversed polarity. **CONSTITUTION:** A photosensitive drum 1 is uniformly charged to a surface potential  $V$  deg.C with a charger 2. This charged drum 1 is exposed to the light image of a positive original 3, resulting in leaving the image part almost at the potential  $V_0$ , but attenuating the nonimage part to  $V_{L1}$ . This potential  $V_{L1}$  is unstable, so setting of bias voltage is made difficult at the time of developing. From this view point, the potential  $V_{L1}$  is set to a constant intermediate potential  $V_{L2}$ . A part of the drum 1 set to the potential  $V_{L2}$  is exposed to a light image of a negative image by using a laser scanner or other means 6 to form the second electrostatic latent image having an attenuated intermediate potential  $V_i$ . The three kinds of potentials  $V_0$ ,  $V_{L2}$ , and  $V_i$  are thus given to the synthetic latent images formed on the drum 1, and these latent images are two-color developed with these magnetic brush developing devices 7, 8.



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